

REMARKS

Applicants respectfully traverse and request reconsideration.

Applicants wish to thank the Examiner for the notice that claim 22 is allowed and that claims 6, 7, 9, 12, 13, 19-21 and 24 would be allowable if rewritten in independent form. Applicants also wish to thank the Examiner for the notice that claims 2 and 23 would be allowable if rewritten to overcome the rejections under 35 U.S.C. § 112.

Claims 2 and 23 stand rejected under 35 U.S.C. § 112, 2nd paragraph, as allegedly being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention. Applicants have amended claim 2 and as such, Applicants respectfully request withdrawal of the rejection.

Claim 1 stands rejected under 35 U.S.C. § 102(e) as being anticipated by Setty et al. Setty is directed to a different circuit and operation, namely a method and apparatus for adjusting the input common mode voltage of a differential amplifier by using the differential amplifier in an amplification mode during normal operation and during non-normal operation, in the auto zero mode. During the non-normal operating mode, Setty calibrates the differential amplifier which does not receive input signals during this auto zero mode. As shown for example in FIG. 4, the auto zero mode or calibration mode used in Setty is a mode other than a normal operating mode since there is no output or input signal being amplified. As such, there is no correction for multiple supply voltages during normal operation in Setty. Setty uses a single voltage supply during normal operation -- i.e., during the amplification mode.

In contrast, as to claim 1 for example, Applicants have amended the claim to include inherent language indicating that the switchable voltage supply circuit that is switchable through at least one control signal that indicates an input signal voltage range to select, selects at least

one differential receiver supply voltage from a plurality of supply voltages during normal operating mode, and the control signal indicates an input signal voltage range. One of these selected receiver supply voltages is higher than a maximum voltage level of the input voltage indicated by the control signal. As noted above, Setty does not include the claimed control signal, or switchable voltage supply circuit since, among other things, the normal operating mode of Setty -- the amplifier mode -- does not employ a switchable voltage supply circuit that switches between a plurality of supply voltages during the normal operating mode based on a control signal as claimed. Accordingly, Applicants respectfully submit that the claim is in condition for allowance.

Claims 4, 8, 10, 14-16 and 18 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Setty et al. Applicants respectfully submit that the claims add additional novel and non-obvious subject matter and are also allowable at least as depending from allowable base claims.


As to claim 10, Applicants respectfully reassert the remarks made above with respect to claim 1 and as such, this claim is also believed to be in condition for allowance.

As to claim 14, Applicants respectfully reassert the remarks made above with respect to claim 1 and as such, this claim is also believed to be in condition for allowance. Applicants also respectfully submit that the dependent claims add additional novel and non-obvious subject matter.

Applicants respectfully submit that the claims are in condition for allowance and respectfully request that a timely Notice of Allowance be issued in this case. The Examiner is invited to contact the below-listed attorney if the Examiner believes that a telephone conference will advance the prosecution of this application.

Respectfully submitted,

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